

Title (en)

METHODS FOR CARBON ISOTOPE LABELING SYNTHESIS BY TRANSITION METAL-PROMOTED CARBONYLATION VIA KETENE USING DIAZO COMPOUNDS AND CARBON-ISOTOPE MONOXIDE

Title (de)

VERFAHREN ZUR KOHLENSTOFFISOTOPMARKIERUNGSSYNTHESE MITTELS DURCH EIN ÜBERGANGSMETALL GEFÖRDERTER CARBONYLIERUNG ÜBER KETEN UNTER VERWENDUNG VON DIAZOVERBINDUNGEN UND KOHLENSTOFFISOTOPMONOXID

Title (fr)

METHODE S'APPLIQUANT A LA SYNTHÈSE D'ÉTIQUETAGE DE L'ISOTOPE DU CARBONE PAR CARBONYLATION FAVORISÉE PAR DES MÉTAUX DE TRANSITION PAR L'INTERMÉDIAIRE D'UN CÉTÈNE AU MOYEN DE COMPOSÉS DIAZO ET DE MONOXYDE D'ISOTOPE DU CARBONE

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Application

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Priority

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Abstract (en)

[origin: WO2006103509A2] Methods and reagents for transition metal-promoted carbonylation via diazo compounds using carbon-isotope labeled carbon monoxide are provided. The resultant carbon-isotope labeled compounds are useful as radiopharmaceuticals, especially for use in Positron Emission Tomography (PET). Associated kits for PET studies are also provided.

IPC 8 full level

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CPC (source: EP US)

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